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(54) Title: METHODS OF DETECTION AND NOTIFICATION OF BIOAGENT CONTAMINATION

(57) Abstract: The present invention relates generally to the field of investigational bioinformatics and more particularly to methods of detection and notification of bioagent contamination. Detection and notification of bioagent contamination is important for determining a proper course of treatment, irradiation, and/or containment of the bioagent in such cases as biological warfare.



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## INTERNATIONAL SEARCH REPORT

PCT/US04/07236

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) : C12Q 1/68; C12P 19/34; C07H 21/02  
 US CL : 435/6, 91.2; 536/23.1

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
 U.S. : 435/6, 91.2; 536/23.1

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
 Please See Continuation Sheet

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	BOIVIN-JAHNS et al. Bacterial diversity in a deep subsurface clay environment. Applied and Environmental Microbiology. September 1996, Vol. 62, No. 9, pages 3405-3412, see entire document.	1-48
Y	MUDDIMAN et al. Characterization of PCR products from Bacilli using electrospray ionization FTICR mass spectrometry. Anal. Chem. 01 November 1995, Vol. 68, No. 21, pages 3705-3712, see entire document.	1-48
Y	US 6,468,743 B1 (ROMICK et al) 22 October 2002 (22.10.2002), see entire document.	11-18
Y	WO 98/20166 A2 (KOSTER et al) 14 May 1998 (14.05.1998), see entire document.	1-48
Y	US 5,849,901 A (MABILAT et al) 15 December 1998 (15.12.1998), see entire document.	33-38
Y	WO 01/51662 A1 (HERRMANN et al) 19 July 2001 (19.07.2001), see entire document.	1-48

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

## \* Special categories of cited documents:

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# INTERNATIONAL SEARCH REPORT

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PCT/US04/07236

Continuation of B. FIELDS SEARCHED Item 3:

EAST, MEDLINE, CAPLUS

search terms: propyne, diaminopurine, PCR, LCR, SDA, mass, spectrometry, bioagent, anthrax, database